UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 1646A1

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

(a) and 37 C.F.R. 1.53(b) is a new utility patent application for a in

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and inv	ente	d by:						
John	R. S	Schne	ider, Dei	rdre D. Raga	n, Ka	ren S. Reche	enberg, Anthony N	1. Chasser and Karen A. Barkac
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Total Pages in this Submission 66

				Application Elements (Continued)							
3.		Dra	wing(s) (when neces	sary as prescribed by 35 USC 113)							
	a.		Formal	Number of Sheets							
	b.		Informal	Number of Sheets							
4.	X	Oat	h or Declaration								
	a.	×	Newly executed (or	iginal or copy)							
	b.		Copy from a prior a	application (37 CFR 1.63(d)) (for continuation/divisional application only)							
	C.	X	★ With Power of Attorney								
	d.		DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).								
		The une	Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.								
6 .		Со	mputer Program in N	Microfiche (Appendix)							
↓ □ ₃ 7.] Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)									
H	a.		Paper Copy								
	b.	. Computer Readable Copy (identical to computer copy)									
	C	. 🗆	Statement Verifyir	g Identical Paper and Computer Readable Copy							
				Accompanying Application Parts							
<u>J</u> 8.	×	As	signment Papers (co	over sheet & document(s))							
9.		37	37 CFR 3.73(B) Statement (when there is an assignee)								
10.	. 🗆) Er	English Translation Document (if applicable)								
11.) In	nformation Disclosure Statement/PTO-1449								
12	. [) Pi	Preliminary Amendment								
13	. 🛚) A	Acknowledgment postcard								
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submitting the notice was unintentional.

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ļ± Docket No. 1646A1

Total Pages in this Submission 66

Accompanying Application Parts (Continued) 16. Additional Enclosures (please identify below): Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2) Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application. Warning An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. Ŧ 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of ļà the filing of such foreign or international application. A failure of the applicant to provide fU such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in

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Fee Calculation and Transmittal

-		CLAIMS	AS FILED		
	#Filed	#Allowed	#Extra	Rate	Fee
<u> </u>	50	- 20 =	30	x \$18.00	\$540.00
otal Claims		- 3 =	0	x \$84.00	\$0.00
ndep. Claims	3				\$0.00
Multiple Dependent C	laims (check	if applicable)		BASIC FEE	\$760.00
100					\$0.00
OTHER FEE (specify				TOTAL FILING FEE	\$1,300.00
A check in the am	er is hereby au	thorized to charg	e and credit	ng fee is enclosed. Deposit Account No. 16-2025	11
A check in the am The Commissione as described belo Charge th Credit an Charge a Charge a	er is hereby au w. A duplicate ne amount of y overpaymen ny additional f ne issue fee se to 37 C.F.R. 1	thorized to charge copy of this she \$1,300.00 at. Giling fees require to 37 C.F.R. 1.	ge and credit eet is enclose as filing fee. ed under 37 C 18 at the mai	Deposit Account No. 16-2025	